

ATTACHMENT G TO RESOLUTION 13-36

NOTICE OF PUBLIC HEARING TO CONSIDER PROPOSED AMENDMENTS TO THE REGULATION FOR REDUCING EMISSIONS FROM CONSUMER PRODUCTS

Staff's Suggested Modifications to the Original Proposal

TO BE PRESENTED AT THE SEPTEMBER 26, 2013 HEARING
OF THE AIR RESOURCES BOARD

Note: Amendments proposed with the 45-day notice are shown in single underline to indicate additions and ~~single-strikeout~~ to indicate deletions from the existing text, while new amendments proposed with these staff suggested modifications are shown in double underline to indicate additions and ~~double-strikeout~~ to indicate deletions from existing text. The symbol "*****" means that intervening text not proposed for modification is not shown.

Amend sections 94508, 94509, 94512, 94513 and 94515, title 17, California Code of Regulations, to read as follows:

Subchapter 8.5 Consumer Products

Article 2. Consumer Products

§ 94515. Test Methods.

(j) Effective January 1, 2015, testing to determine compliance with 25 g/L or 0.21 lb/gal VOC standard for nonaerosol "Multi-purpose Solvent" and "Paint Thinner" products sold, supplied, offered for sale, or manufactured for use in the South Coast Air Quality Management District (SCAQMD) shall be determined using ARB Method 310, with final VOC content determined as set forth in section 4.2.4. As specified in section 3.6 of Method 310, and as reproduced in section 94515(a)(2), determination of LVP-VOC status does not apply because there is no LVP-VOC exemption for these products. Section 4.2.4 is reproduced below:

4.2.4 Effective January 1, 2015, for nonaerosol "Multi-purpose Solvent" and "Paint Thinner" products sold, supplied, offered for sale, or manufactured for use in the South Coast Air Quality Management District (SCAQMD), grams of VOC per liter of material (g/L) shall be calculated using the following equation:

$$\text{g/L VOC} = \frac{\text{WM} \times (\text{TV} - \text{H} - \text{EL})}{\text{VM}}$$

Where:

WM = weight of the material in grams.

VM = volume of the material in liters.

TV = weight fraction of total volatile material.

H = weight fraction of water.

EL = weight fraction of exempt compounds including the weight fraction of methyl esters with 17 or more carbon atoms in the total volatile material.

NOTE: Authority cited: Sections 39600, 39601, 39607, 41511 and 41712, Health and Safety Code.
Reference: Sections 39002, 39600, 39607, 40000, 41511 and 41712, Health and Safety Code.

Proposed Amendments to Method 310, Determination of Volatile Organic Compounds (VOC) in Consumer Products and Reactive Organic Compounds (ROC) in Aerosol Coating Products

(Including Appendixes A and B)

3 CONSUMER PRODUCTS TESTING PROCEDURE

- 3.3.5 Analysis of exempt and prohibited compounds, if present (US EPA Reference Method 18, US EPA Method 8240B, US EPA Method 8260B, ASTM D 859-00, NIOSH Method 1400). Effective January 1, 2015, for nonaerosol “Multi-purpose Solvent” and “Paint Thinner” products sold, supplied, offered for sale, or manufactured for sale in the South Coast Air Quality Management District, analysis of exempt and prohibited compounds shall include analysis for methyl esters ~~palmitate~~ with 17 or more carbon atoms, if present.

4 CALCULATION OF VOC CONTENT

- 4.2.4 Effective January 1, 2015, for nonaerosol “Multi-purpose Solvent” and “Paint Thinner” products sold, supplied, offered for sale, or manufactured for sale for use in the SCAQMD, grams of VOC per liter of material (g/L) shall be calculated using the following equation:

$$\text{g/L VOC} = \frac{\text{WM} \times (\text{TV} - \text{H} - \text{EL})}{\text{VM}}$$

Where:

WM = weight of the material in grams.

VM = volume of the material in liters.

TV = weight fraction of total volatile material.

H = weight fraction of water.

EL = weight fraction of exempt compounds including the weight fraction of methyl ~~palmitate~~ esters with 17 or more carbon atoms in the total volatile material.
